



FIG. 2A

FIG. 2B

FIG. 2

SEQ ID NO: 5	CCR5	1	MDYQVSSPFDINVTSEPCQKQNVKQIAANLLPPLYSLVFIFGFGVGNMLVILILINCKRLKSMTDIYLLNLAISDILFLIT	83
SEQ ID NO: 7	hcc-R2b	6	MLSTSRSRFIRNTNESGEEVTTTFDYDYGAPCHKEFDVKQIGAGLLPPLYSLVFIFGFGVGNMLVILILINCKRLKSMTDIYLLNLAISDILFLIT	95
SEQ ID NO: 8	hcc-R3		MTTSLDVTVEFGTTSYDDVGILLCEKADTRALMAQFPPPLYSLVFTVGLIGNVWVMILLKYRRIKIMTNIYLLNLAISDILFLIT	87
SEQ ID NO: 9	hcc-R1		METPNFTEDYDTTTEPDYGDATPCOKMNERAFGALLPPLYSLVFVIGVGNILVVTMIVQVKRLKNTSIYLLNLAISDILFLIT	87
SEQ ID NO: 10	hcc-R4		MNPTDIADTTLDESISYNSVLYESIPKPCQTKEGIKAFGELEFLPPLYSLVFVIFGLIGNSVVWVIVFKYKRIRISMTDVLNLAISDILFLIT	92

I

II

III

IV

CCR5	VPFWAHYA	ANQWDFGNMCOQLLTGLYFICGFFSGIFFIILLTIDRYLA	WHAVFALKARTVTFGVTSVITW	VAVFASLPGIITRSQREGIH	177
hcc-R2b	LPLWAHSA	ANENWFGNMCCKLFTGLYHIGVCGIIFIIILLTIDRYLA	IVHAVFALKARTVTFGVTSVITW	VAVFASLPGIITKQKEDSV	189
hcc-R3	LPFWHIVRGHNV	FGHGMNLLISGFHTGLYSEIFFIILLTIDRYLA	IVHAVFALRARTVTFGVTSVITW	GLAVIHALPEFIIFETEELFEE	182
hcc-R1	LPFWIDKLD	WVFGDAMCKILSEFWTGLYSEIFFIILLTIDRYLA	IVHAVFALRARTVTFGVTSVITW	GLAVIHALPEFIIFETEELFEE	182
hcc-R4	LPFWGIVA	ADQWVFGIGICKMISWMLVGFYSGIFFVFMLSIDRYLA	IVHAVFSRARTIVGVTSVITW	SLATWSVAVFASLPGIIFETCTYTERNH	186

FIG. 2A



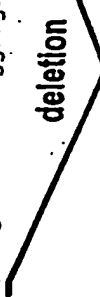
SEQ ID NO: 11	CCR5	F P Y S Q Y Q F W K N P Q T L K I V I L G L V L P
SEQ ID NO: 12		<u>TTTCCATACAGtcagtcataatctggagaatttcagagacaTTAAAGATAGTCATCTTGGGGCTGGTCTGCGG</u>
SEQ ID NO: 13	Δ crf5	F P Y  I K D S H L G A G P A
		deletion
	CCR5	L L V M V I C Y S G I L K T L L R C R N E K K R
		<u>CTGCTTGTCATGGTCATCTGCTACTCGGGATCCTAAAACTCTGCTTCGGTTCGAAATGAGAGAGAGG</u>
	Δ crf5	A A C H G H L L L G N P K N S A S V S K *

FIG. 6B

FIG. 2A
FIG. 2B

FIG. 2

SEQ ID NO: 5
 SEQ ID NO: 7
 SEQ ID NO: 8
 SEQ ID NO: 9
 SEQ ID NO: 10

CCR5
 hcc-R2b
 hcc-R3
 hcc-R1
 hcc-R4

1 M D V Q V S S P F N Y D I N V T S E P C O K I N V K Q I A R L P P L Y S L V E I F G F V G N M L V L L I L I N C K R I K S M T D I Y L L N L A I S D L F L I L T
 83
 6 M L S T S R S R F I R N T M S G E E V T T F F D Y D Y G A P C H N F D Y K Q I G A Q L L P P L Y S L V E I F G F V G N M L V L L I L I N C K R I K S M T D I Y L L N L A I S D L F L I L T
 95
 M T S I D I V E F E G T S Y Y D V G L L C E K A D T R A L M Q F P P L Y S L V E I F G F V G N M L V L L I L I N C K R I K S M T D I Y L L N L A I S D L F L I L T
 87
 M E T P N T T E D Y D T T E F D Y G D A T P C O K M E R A F G A Q L L P P L Y S L V E I F G F V G N M L V L L I L I N C K R I K S M T D I Y L L N L A I S D L F L I L T
 87
 M N P T I A D T T I D E S T Y S N Y L Y E S I P K P Q T Y E G I T A F G E L F L P P L Y S L V E I F G F V G N M L V L L I L I N C K R I K S M T D I Y L L N L A I S D L F L I L T
 92

III

IV

CCR5
 hcc-R2b
 hcc-R3
 hcc-R1
 hcc-R4

V P F W A H Y A A A Q M D E G N I C Q L T G L Y I G F E S G I F F I I L L T I D R Y L A I V H A V E A L K A R T V T F G V T S V I T W V A V F A S L P G I I F T R Q K E G I L T
 177
 I P L M A H S P A N E W T F G N M C K L F T G L Y I G F E S G I F F I I L L T I D R Y L A I V H A V E A L K A R T V T F G V T S V I T W V A V F A S L P G I I F T R Q K E D S V
 189
 I P F W I H Y R G H N V F G H G C N L I S S F I H T S L Y S E I F F I I L L T I D R Y L A I V H A V E A L K A R T V T F G V T S V I T W V A V F A S L P G I I F T R Q K E D S V
 182
 I P F W I D Y K L K D M V T G D A M O K I I S E F Y T S L Y S E I F F I I L L T I D R Y L A I V H A V E A L K A R T V T F G V T S V I T W V A V F A S L P G I I F T R Q K E D S V
 182
 I P F W G Y T A A D Q M V E G L G I C K M I S W M L Y S E I F F I I L L T I D R Y L A I V H A V E A L K A R T V T F G V T S V I T W V A V F A S L P G I I F T R Q K E D S V
 186

FIG. 2A





Marked-up version

SEO ID NO: 11
SEO ID NO: 12
SEO ID NO: 13

CCRS L L V M V I C Y S G I L K T L L R C R N E K K R
CTGCTGTCATGCTCATCTGCTACTCGGAATCTTAATACTGCTCGGTCGGAATGAGAAGAGG
Acers A A C H G H L L L G N P K N S A S V S K *

CCRS F P Y S Q Y Q F W K N F Q T L K I V I L G L V L P
TTTCCATACAGTcagtcacatctctggaagaattccagacattTAAGATAGTCATCTTGGGCTGCTCTGCCG
Acers F P Y **deletion** I K D S H L G A G P A

FIG. 6B